PATENT ABSTRACTS OF JAPAN

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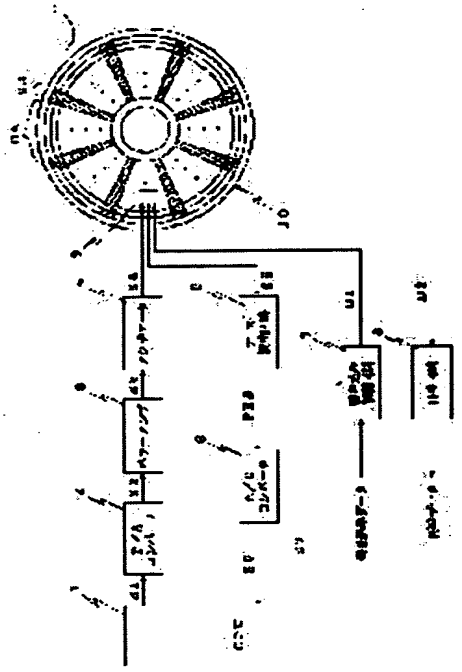
(54) DISK DEVICE

(57)Abstract:
PURPOSE: To maintain the quality of write data and to prevent the destruction of recorded data by estimating positional deviation between a head and a track center and interrupting immediately write operation when a deviation amt. is excessive.
CONSTITUTION: By a CPU 1, correction control instruction data (drive instruction information) S1 in an amt. corresponding to fetching positional deviation information S6 is outputted for correcting the positional deviation between the head 9 and the track. The information S1 is D/A converted and becomes a drive instruction voltage S2, and then, is converted to an actuator drive current S3 and sent to an actuator 4 by a power amplifier 3. The actuator 4 is driven by the current S3, and the position of the head 9 is revised by a head movement control output S4. Whenever the information S6 is detected, whether the positional deviation amt. between the head 9 and the track exceeds the limit value or not is checked, and when exceeding the limit value, by the CPU 1, a prohibition signal is outputted to a write control circuit 7, and the data write operation is prohibited.



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